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BEMATECH POLE DISPLAY MODEL LDX1000

Smart Features

- 2 line by 20 character pole display with 9mm character height

- Bright green vacuum fluorescent display

- Better visibility due to optically matched lens

- Choice of interface: USB or serial

- Supports OPOS/JPOS drivers and many command sets including Epson, Ultimate Technologies, IEE, EMAX, or Aedex

- Supports a wide variety of languages with code pages

LDX1000

The Pole Display Market Leader

Bematech pole displays are widely known as the market leader for PC-based POS systems. They have long set the standard for reliability, value and functionality. The LDX1000 series customer displays support almost any command set or language to match the POS application requirements.

The LDX1000 also provides interfaces support options for USB (port-powered) and serial (external power adapter).

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LDX1000 SERIES CUSTOMER POLE DISPLAY SPECIFICATIONS

OPTICAL (FLUORESCENT DISPLAY)

Digits per row	20
Number of rows	2
Digit configuration	5x7 Dot Matrix
Digit Height	9 mm
Digit Width	3.8 mm
Digit Pitch	5.2 mm
Character configuration	ASCII
Brightness	1200 cd/m ^{2} typical
Display color	Blue-green
MTBF	300,000 hours

ELECTRICAL

Power adapter	(serial interface only)
Input	110-240 VAC, 50/60Hz
Output	5VDC 0.8A
Connector	2 conductor female jack
Interface cable	
Computer side connector	USB: Type A
	Serial: DB9 (female)
Power connector	2 conductor male jack

ENVIRONMENTAL

Operating temperature	0ºC to 50ºC
Relative humidity	85% max, non-condensing
Storage temperature	-20ºC to 70ºC
Relative humidity	90% max, non-condensing
Vibration (10 to 55Hz)	4G's
Shock	40G's

INTERFACE

USB	USB 2.0 standard
Serial	RS232
Baud rates	2400/4800/9600*/19200
Protocol	8 data bits, no parity, 1 stop bit

RTS/CTS are tied together in connector.
DSR/DCD/DTR are tied together in connector.

*default factory setting

MECHANICAL

Weight	1.8 lbs (0.82 Kg)
Dimensions (inches)	(width x height x depth)
Fluorescent display	6.90 x 2.95 x 1.71
Rectangular base	2.12 x 2.00 x 2.25
Base plate	4.0 x 0.09 x 8.0
Overall height (typical)	21.5 in

CONNECTOR PINOUT

USB Type-A connector

Pin #	Function
1	V+
2	D-
3	D+
4	Ground

RS232 Serial DB9 female connector

Pin #	Function
1	DCD
3	Data
4	DTR
5	Ground
6	DSR
7	RTS
8	CTS

ORDERING INFORMATION

LDX1000RS	Serial (ext. power adapter)
LDX1000UP	USB (port-powered)

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